

# THE TIME IS NOW!

Graduates of courses within the sciences are extremely desirable to employers in the United States, so there is no better time to pursue a science programme as an investment in your future.



**T**here is no better time than now for talented and involved students to be pursuing academic and research options in the sciences. Whether science graduates will be finding the causes of, or answers for, major challenges such as alternative fuels, food shortages or improvements in healthcare, it can be fairly said that every significant problem confronting our global village has a scientific or technical component as part of its solution.

Career opportunities for people well trained in the sciences, including mathematics,

computer science, information technology, biochemistry and other fields are more abundant than ever before with solutions to major environmental, medical and social challenges being driven by scientific innovation. The long history of scientific revolutions helping to resolve societal hurdles remains ongoing and dynamic. With globalisation making it easier for ideas to be shared and implemented, students who may mix science with law or mix science with politics can reasonably expect greater opportunities for career fulfillment and career advancement. Additionally, science

students are finding opportunities in sales and marketing, new and traditional media and more.

For students wanting to pursue their degree(s) in the United States, the opportunity to have an impact to affect the greater good has never been better. With the need for people who will be able to better understand public policy issues nationally and globally, along with the need for decision makers in a variety of fields who can grasp and solve complex problems, and with the unending need for quality science teachers at a whole range of levels, degree programmes in the United States are offering great options. Taxpayer contributions are increasingly driving scientific research, scientists themselves are undergoing their own transformation toward becoming more accessible, integrated and interdisciplinary professionals.

The United States offers international students the most exciting, rewarding and comprehensive array of study options in the world. International students who choose to study here have almost unlimited choices. Also, international students who successfully complete their higher education in the United States are highly sought-after by employers worldwide.

In the United States there is an abundance of academic courses of study to choose from, both theoretical and practical. Additionally, American colleges and universities are known for having diverse, multicultural environments where the sharing of ideas is an integral part of the community life.

According to Michael A Palladino, Dean of the School of Science at Monmouth University in West Long Branch, New Jersey, the recent earthquake in Haiti is an example of how applied science was



able to make a world of difference in what he describes as a geoscience event. “There was an immediate recognition in Haiti of the value of expert opinion versus speculative opinion,” he said. “There was a great need for a workable plan for survivors. And people from the outside had to ask, ‘What was the plan?’” Palladino said the initial chaos in Haiti was mitigated by the application of modelling, simulation, and software engineering research that has been developed into tools that were able to support the organisation and deployment of rapid response capabilities and relief efforts in the aftermath of the disaster.

The traditional idea of spending years working at bench research in Research & Development is only one small piece of what a scientist’s career may look like today. Palladino, who is a great supporter of research, is just as great a supporter of scientists who find themselves applying their knowledge to non-research areas such as security, education, policy,

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business applications, politics and digital communications.

“If you understand the complexity of technical and scientific challenges, you can also understand the broader applications. Then your career potential becomes wide open,” Palladino said.

At Monmouth University, with its proximity to New York, Philadelphia, Washington, D.C., and Boston, there is a rich history of its science graduates finding jobs in these major hubs of technology and innovation. More than ever, according to Palladino, “there is a real cross-pollination of different disciplines. People from all kinds of areas are working side-by-side in collaborative partnerships.” Palladino stressed that Monmouth University provides opportunities for students to do hands-on research with faculty and that research experience is one of the most distinguishing features for a graduate to land the job of his or her choice.

“When you train as a scientist, you are trained to think critically,” said Palladino. “This is a transferrable skill set that can be used across many careers. Whether students train in math, computer science, biology or chemistry, the role scientists are playing in all aspects of society is helping to evoke positive change at a variety of levels.”

The understanding of the nature of things and processes is often moved significantly forward by scientific thinkers and doers, so there really is no better time than now to join today’s scientific revolution.

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Publications and Communications  
Monmouth University







## Get to Know Us

Monmouth University is a private, full-spectrum coeducational school committed to providing a learning environment that empowers students to pursue their educational goals and realize their potential for making significant contributions to their community and society. Small classes allow for both individual attention and significant student-faculty dialogue. And, Monmouth University is consistently ranked as one of the nation's best institutions for undergraduate education, according to The Princeton Review.

Monmouth offers 33 undergraduate degree programs, with unique programs offered in software engineering (one of 17 schools in the nation with ABET accreditation), computer science, social work, business, and more. The University's curriculum is attuned to today's globally oriented technological society while retaining a strong grounding in the liberal arts. In addition, the University offers 21 graduate degree programs and many graduate certificates for those wishing to pursue education beyond their undergraduate degree. The University also offers several five-year baccalaureate/master's programs for students who want to increase their knowledge and skills before entering the workforce.





## Contact Information

Monmouth University  
Office of Undergraduate Admission  
400 Cedar Avenue  
West Long Branch, NJ  
07764

## International Student Support

At Monmouth, you will have the support and guidance needed to make your mark in the world. Embracing diversity, cultural understanding, and global perspective, Monmouth students come from twenty-five states and twenty-eight nations.

The University provides scholarships to qualified international students at both the undergraduate and graduate levels.

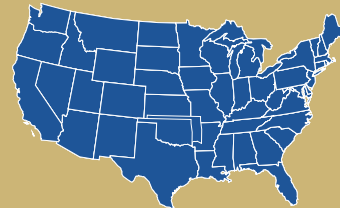
Monmouth's student body is diverse, with a total population of approximately 6,000 undergraduate and graduate students.

## Historic Campus

The school's historic 156-acre campus is located on the East Coast of the United States, one mile from the beach at the Jersey Shore in the residential community of West Long Branch, New Jersey. The campus features two landmark mansions among its 54 buildings, and is within convenient traveling distance to New York City (50 miles, 80 kilometers) and Philadelphia (85 miles, 135 kilometers). Since 1933, Monmouth University has been committed to educating leaders who achieve their goals without distraction or hesitation. It is this culture of energy, challenge, opportunity, and optimism that defines a Monmouth University education.

For complete information, please visit:  
[www.monmouth.edu/admission/international/](http://www.monmouth.edu/admission/international/)

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**Phone:** 732-571-3456

**E-mail:** [admission@monmouth.edu](mailto:admission@monmouth.edu)

**Web site:** [www.monmouth.edu](http://www.monmouth.edu)



**MONMOUTH  
UNIVERSITY**

where leaders look forward<sup>SM</sup>



# Undergraduate and Graduate Programs

## Undergraduate Degree Programs

Anthropology  
Art: with an optional concentration in photography  
Biology: optional concentrations in Molecular Cell Physiology  
Business Administration: concentrations in Accounting, Economics, Finance, Management, Marketing, or Real Estate (AACBS accredited)  
Chemistry: optional concentrations in Advanced Chemistry, Biochemistry, or Chemical Physics  
Clinical Laboratory Science: concentrations in Cytotechnology or Medical Technology (Joint program with the University of Medicine and Dentistry of New Jersey)  
Communication: Applied Communication, Public Relations/Journalism, or Radio/TV  
Computer Science  
Criminal Justice: optional concentration in Forensics  
Education: Elementary Education, Middle School, Secondary Education, or Special Education Endorsement  
English  
Fine Arts: Graphic Design  
Fine Arts: Graphic design with a concentration in Animation  
Foreign Language: concentrations in Spanish,  
Spanish and Communications /Journalism, or Spanish and Communication/Radio and TV  
Health Studies  
Health/Physical Education  
History  
History and Political Science  
International Business  
Marine and Environmental Biology and Policy  
Mathematics  
Medical Technology  
Music: optional concentration in

Music Industry  
Political Science: optional concentration in International Relations  
Psychology  
RN to BSN (For transfer students only)  
RN to MSN (For transfer students only)  
Social Work  
Software Engineering  
Spanish and International Business  
Theatre Arts

## Five-Year Baccalaureate/Master's Degree Programs

Business Administration (AACBS accredited)  
Computer Science  
Criminal Justice  
English  
History  
Political Science/Public Policy  
Social Work  
Software Engineering

## Graduate Degree Programs

Computer Science  
Corporate and Public Communication  
Criminal Justice  
Education (MAT, Accelerated MAT, MEd, MEd)  
English  
Financial Mathematics  
History  
Liberal Arts  
MBA/Accelerated MBA  
Mental Health Counseling  
Nursing (MSN)  
Psychological Counseling  
Public Policy  
Social Work (MSW)  
Software Engineering

Monmouth also offers pre-professional advising for students interested in Dentistry, Law, Medicine and Veterinary.